

Newport Mercury

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The Mercury.

THE MERCURY PUBLISHING CO.

Local Matters.

St. Paul's Ladies Night.

Masonic Hall was completely filled on the occasion of the annual Ladies Night by St. Paul's Lodge, No. 14, F. & A. M., on Wednesday evening. Although a large attendance had been expected and provided for, it was necessary to bring in extra chairs after the late comers arrived, there being over 600 persons present. The large hall has never looked more attractive, the floral decorations being especially abundant and pleasing. The stage was banked with growing tulips and greenery, artificial roses being suspended from the lattice work at the back of the stage. The large banner of the Lodge occupied a prominent position, and the stage was flanked by the two Masonic pillars. The window boxes were especially attractive, being filled with carnations and trailing vines. The committee on decorations, assisted by many members of the Lodge, devoted much time and effort to securing effective decorations, and the results were highly gratifying. Worshipful Master Alexander J. MacIver opened the entertainment by a few words of welcome to the members and guests, delivered in a pleasing and humorous manner, and then for more than two hours the large audience paid the closest attention to the entertainment programme. The troupe comprised the Dodge trio, William F. Dodge violin, Carl W. Dodge cello, and Ernest W. Harrison accompanist; assisted by Mrs. Gertrude Holt soprano, Arthur Hackett tenor, and Mrs. Roseth Knapp Breed humorist. While all the numbers were of a high order of merit, Mrs. Breed was easily the favorite of the audience. While she was on the stage, she kept the spectators in a gale of laughter, her offerings being new and also being rendered in an infallible manner. The work of the accompanist, Mr. Harrison, was also especially notable.

At the conclusion of the entertainment program light refreshments were served and dancing was enjoyed until a late hour, music being furnished by the Newport Banjo Band.

The committee in charge of the affair was headed by Worshipful Master Alexander J. MacIver, with T. T. Bowler as secretary, and comprised Past Masters William H. Langley, E. Benjamin May, Dudley P. Bachelier, James P. Cozzens and Charles H. Gesterling, and the officers of the Lodge, Messrs. William MacLeod, George B. Austin, William J. Cozzens, Rev. William Safford Jones, Donald E. Spears, Benjamin F. Downing, 3d, Arthur J. Ober, Charles W. Cowles, Henry S. Hendy, John D. Richardson, Orin M. Alger and James G. Swinburne.

Newporters who were on the streets about 10 o'clock Thursday evening noticed a brilliant glare in the sky a little west of north, which indicated a big conflagration. Various estimates were made as to the locality of the fire, many thinking that it was in Bristol, but it was learned that the famous Casino at Rhodes-on-the-Pawtuxet, in the town of Cranston, was in flames. The dance hall and canoe house were totally destroyed, and several hundred valuable canoes were lost. The fire is supposed to have been of incendiary origin, and the loss is estimated at about \$60,000.

The sub-committee on highways of the committee of 25 paid a visit of inspection to Providence on Thursday for the purpose of looking over the various styles of pavement in use there. The kind of pavement to be recommended for Broadway and Spring street has been the subject of much discussion and has delayed the completion of their report. A meeting of the full committee of 25 was called for Friday evening, and it was expected that this and the other sub-committees would be prepared to report at that time.

Mr. Harry L. Vickers has been elected to the board of trustees of Excelsior Lodge, I. O. O. F., to fill the vacancy caused by the death of George C. Lawton. Mr. G. Harry Kelley has been appointed acting secretary of Newport Chapter, R. A. M., to fill the vacancy there.

The condition of Mrs. Theophilus Topham, who has been quite ill for some time, is reported as somewhat improved.

Mrs. A. C. Titus has been spending a few days with her son, Mr. Harry A. Titus, in this city.

Board of Aldermen

At the regular weekly meeting of the board of aldermen on Thursday evening there was considerable business to be transacted. Weekly bills and payrolls were approved and other routine matters were disposed of. A communication from the street commissioner regarding the flow of storm water from the town of Middletown, which it was felt should be taken care of by that town, was referred to Alderman Kirby. The city clerk was authorized to procure bids for the City Manuals.

The applications for junk licenses which had been laid on the table at a previous meeting, were taken up. There was some discussion regarding the police reports on some of the applicants but with one exception the licenses were granted. Bids were opened for coal for the fire department, and the contract was awarded to the lowest bidder.

The board drew a large number of names of citizens to serve as jurors as required—20 grand jurors and 39 petit jurors.

Funeral of George C. Lawton.

Funeral services for the late George C. Lawton were held at his late residence on Central street on Sunday afternoon in the presence of a large number of relatives and friends. There was a great profusion of floral offerings, many handsome pieces being sent by the organizations of which he was a member. Rev. Stanley C. Hughes officiated, and the Masonic ritual was conducted at the grave by Worshipful Master Karl Bostel and the officers of St. John's Lodge, No. 1, F. & A. M.

The remains were escorted from the house to the cemetery by an imposing procession, composed of Washington Commandery, No. 4, K. T., Redwood Lodge, No. 11, K. of P., and St. John's Lodge, No. 1, F. & A. M. The line was headed by the Seventh Artillery Band.

A Valuable Lecture.

Hon. Thomas W. Bicknell of Providence, President of the R. I. Veteran Historical Association, will deliver an address before the Newport Historical Society at their rooms on Touro street on Monday next, at 3.30 p. m., on the Primacy of the towns of Newport and Portsmouth in the Colonial History of Rhode Island and of New England, with a special mention of the active and successful labors of John Clarke in that period. Mr. Bicknell has long been a student of the early history of New England and has a fund of valuable knowledge pertaining to that period. His lecture, which is free for all, will be well worth listening to.

The Alice Pell interests in some one hundred acres of land at Oodington Point, part of the C. F. Bates' estate, were sold at mortgagee's sale Wednesday noon to Ellen S. Bates, mortgagee. The property was taxed for \$44,000 and the tax for 1914 unpaid. Herbert L. Dyer was the auctioneer, who knocked it down to Mr. Hall of Providence, Mrs. Bates' attorney. Besides Mr. Hall there were present Wm. H. Harris, contractor, Wm. A. Armstrong, Judge R. M. Franklin and Simeon Hazard, real estate agent, representing private interests.

A pleasing program has been arranged for the Ladies' Night by St. John's Lodge, No. 1, F. & A. M., to be held at Masonic Hall next Monday evening. Worshipful Master Karl Bostel is at the head of the large committee that has the affair in charge, with Mr. Henry A. Curtis as secretary and treasurer. There will probably be a large attendance of members and guests.

Lent begins next Wednesday. The Protestant Episcopal and Roman Catholic Churches will as usual hold special services throughout the Lenten season. Union services will be held on Wednesday evenings in each of the Episcopal churches with strong preachers from out of town. Bishop Ferry will be in charge of the services at St. George's Church on the evening of March 3.

The regular February meeting of the Board of Trade on Monday night next at Buiklers and Merchants Hall, will be an open meeting, at which there will be an address by Mr. Frank Stockdale, of the Shaw System Company of Chicago, entitled "Keeping Up with Rising Costs."

Hon. George Peabody Wetmore has given to the Recreation Commission permission to use the Ladd estate on Bath Road as a public playground throughout the summer.

Congressman George F. O'Shaunessy is confined to his home in Providence by an attack of typhoid fever. His condition is reported as favorable.

Mr. Perry B. Dawley of this city was a visitor in Providence on Thursday, calling upon Governor Beackman and others.

Captain W. R. Rose of Tiverton has recovered from his recent illness, and has been in Newport this week.

Street Railway Facilities.

The management of the local street railway is not alert to the demands of the public for evening accommodations. Last week there was one evening on which a number of entertainments were held at various places, and only the regular small car was sent out to carry the crowd. As a consequence more would-be passengers were left on the corners than were jammed into the car. Last Wednesday evening, the Ladies Night by St. Paul's Lodge drew a big crowd and again the street car facilities were entirely inadequate, no extra cars being put on. Announcement was made at the entertainment that a special car would leave Church street at 1 o'clock, but no provision had been made at the barn for this car, and it was not until a message was sent out that the car was despatched a half-hour late, and by that time most of the crowd had walked to their homes.

On the occasion of similar failures to transport the public in the past, the management has claimed that they should be notified of the wish for increased accommodations, but in this they seem to be in error. All the entertainments alluded to have had full publicity in advance, and it is the duty of the railway management to calculate what accommodations will probably be required.

There was an interesting test of the fire-resisting qualities of a certain brand of roofing paper on the vacant lot adjoining the fire station on Mill street Monday afternoon. The demonstration had been arranged by the agent of the manufacturers in order to show Chief Kirwin and Building Inspector Sullivan that the paper might safely be adopted as a permissible covering in the fire district. Chief Kirwin took a hand in the demonstration and made tests of his own which he thought showed that the material was not sufficiently fire-resisting for the purpose. This led to an argument by the representative of the company, during which he charged political considerations, and Chief Kirwin left the scene. The demonstration was continued, using different grades of paper, but the matter is still in statu quo.

Newport will no longer be the scene of the annual Lawn Tennis Tournament, this event going to the West Side Club of New York for the coming season. The annual meeting of the National Lawn Tennis Association was held in New York on Friday of last week, and a spirited contest resulted in the selection of the New York courts by the small margin of nine votes. Nevertheless some good tennis will be seen in Newport next summer, the Casino management being now engaged in the formulation of plans for an invitation tournament at which the leading players of the country will be represented.

Past Grand Chancellor William H. Langley of this city was on Tuesday elected supreme representative for four years at the annual meeting of the Grand Lodge of Rhode Island, Knights of Pythias, held in Providence. There was a lively contest for the office, and several ballots were necessary for choice.

William Ellery Chapter, Daughters of the American Revolution, held a well attended afternoon whist at the residence of Mrs. John P. Sanborn on Tuesday afternoon. The affair was under the direction of the entertainment committee, of which Mrs. C. Edward Farns is the chairman.

Yesterday was the anniversary of the birth of Abraham Lincoln, which is observed as Grand Army Flag Day. The day was observed with appropriate exercises in the public schools, details from Lawton-Warren Post being in attendance at the exercises.

Simeon Hazard read a paper before Land's End Lodge of Moose on Thursday evening, entitled "The Moose and their Habitations" as he saw them on his recent Western trip. The lodge gave him a rising vote of thanks for his interesting paper.

Mrs. F. Biesel-Thomaz, who has conducted a little worsted store on Bellevue avenue for a number of years, died at the Newport Hospital early Thursday morning after an illness of several weeks. She was a sister of Mr. Henry Biesel of this city.

Mr. William Beattie, a well known contractor of Fall River, died at his home in that city on Sunday in his eighty-sixth year. He built the Old Colony docks in this city, and filled many other contracts in this vicinity.

Simeon Hazard has rented for the Cotton Estate their Cottage at the head of Cotton's Court to C. A. Hilleken.

Simeon Hazard, real estate agent, reports a great demand for cottages at moderate rental.

Senator Henry C. Wilcox has been re-elected chairman of the Tiverton police commission.

School Committee.

The regular monthly meeting of the school committee was held on Monday evening, when much business of an important nature was brought up. One of the most interesting matters was a discussion regarding the no-school signal, which some members thought might profitably be abolished. It was finally referred to a committee for a report.

Superintendent Lull's report contained the following items: Total enrollment 3,865, average number belonging 3,553.6, average number attending 3,311.1, per cent. of attendance 92.1, cases of tardiness 412, and cases of dismissal 60. Number who have left school 19.

The total of 3,865 shows an increase of 33 over last month and of 100 over the corresponding date of last year.

In the Rogers 607 have been enrolled, but the average now belonging is 574. The 19 who have left school gave the following reasons: Left city 6, at work 1, at home 1, illness 3, to other schools 2, no reason 2, failure in scholarship or conduct 2, death 2.

Board of Health.

To the seven pupils reported since the schools began in September must be added two for scarlet fever. These and two cases not in school, excluded eight other pupils.

The first deaths of public school pupils occurred in January. Two girls, one of grade VI and the other in grade VIII, died. The cause of death was in no way due to the schools.

Teachers' Retirement Fund. This fund now amounts to \$38,422.04. This total includes a gift of \$100, the percentage of the teachers' salaries for January, and \$78 in dividends from stock received from the Southwest estate—viz: 16 Builders and Merchants Exchange, par value \$100; 2 Newport Realty Company, par value \$100, and 12 shares Aquidneck Bank, par value \$50. The total does not include the value of the 30 shares.

Parents' Evenings.

On Tuesday, January 26, the parents of the Rogers were the guests of the teachers of this school. The attendance was the largest of all the similar occasions and the parents were constantly seeking information about their children.

Lighting.

Only the Rogers, Cole's and Mumford schools are satisfactorily supplied with artificial light. This light is needed on dark days, especially late in the afternoon, and for the use of the buildings in the evening. Calvert and Cranston are about half-lighted; Carey and Lenthall have some light in every room, but not sufficient; Callender is wired in the two new rooms, but not in the four old ones; Potter is being wired in two of the four rooms; Coddington hall is well lighted and a part of the rooms; Thayer is in fair condition; Coggeshall is half lighted. This year further lighting should be provided so that the strain on the eyes may be lessened on dark days.

Coggeshall.

At present 61 pupils are enrolled in grade I. Ten more will come from the kindergarten during this and the following month. It will be impossible to seat these 71 in one room, in fact 48 should be the very limit. In grade II there are 41 enrolled, if a new room were opened for the lowest divisions of II and the highest of I, the three rooms would average 33. It is absolutely necessary to make this re-arrangement. The services of the assistant set free in I are very much needed in the higher grades of the same building.

Census.

The census takers have finished their work and they have made their returns, but this office has not yet had time to check off by age and school for verification. The preliminary report shows a gain of more than 150.

The report of Trust Officer Topham contained the following:

Number of cases investigated (reported by teachers), 107; number of cases of truancy (public 10, parochial 0), 10; number out for illness and other causes 97, number of different children truants 9, number found not attending school 1.

On January 15 the child (boy) referred to above as not attending school was placed at the State Home and School by the Agent of the Society for the Prevention of Cruelty to Children.

Col. Cozzens presented the report of the finance committee, and Dr. Porter the report of the committee on teachers, the following recommendations being adopted:

First—That on account of illness Principal George H. Bryant be given a leave of absence on one-third pay until March 15, 1915.

Second—That a new room of grades I and II be opened in the Coggeshall and that Miss Anna M. Alger be transferred from Coggeshall IV to the new room.

Third—That Miss Agnes Buchanan, Rogers High School 1904, Rhode Island State Normal School January, 1911, and an assistant since March 1, 1911, be elected to Coggeshall IV, at \$440 per year.

Fourth—That Miss Mary A. Walsh, Rogers High School 1907, Rhode Island State Normal School January, 1909 (kindergarten diploma), assistant from September, 1907, to September, 1912, in Callender kindergarten, and from September, 1912, to this date in Carey kindergarten, be elected to the Callender kindergarten, at \$440 per year.

For the joint committee on new John Clarke school, Col. Cozzens reported that the board of aldermen had found that the building could not be built in accordance with the specifications. The matter had been deferred until the whole committee could take consideration of it. It was not felt desirable to mutilate the building, but rather to ask the council for more money if it should

be found necessary. The sub-committee will look into the matter to see how much paring would be necessary.

On recommendation of the committee on Rogers High School additional clerical assistance will be allowed, on account of the growth of the school.

The following minute regarding the retirement of Dr. Barker was unanimously adopted:

Your committee appointed to prepare a minute concerning the retirement of Dr. Christopher F. Barker from the chairmanship of our board presents the following:

To have been a member of the School Board of Newport for 25 years continuously, and in that time to have been for 21 years chairman of the board, is so uncommon an honor and privilege that it calls for recognition. This is the time to recognize it.

Dr. Barker, by reason of ill health, has not been willing to be re-elected chairman, as he certainly would have been for another year. He asked that his name might be withdrawn from consideration.

With regrets that this necessity compels, we are glad to know that he will remain upon the board and we trust that for a long time he may give us the fruits of his wisdom in such counsel as his experience may suggest.

Dr. Barker's influence has been felt upon the board for various reasons. He has been an honorable citizen of the community for many years, and has occupied positions of trust. He has been a cautious, wise presiding officer, keenly alive to the best interests of the schools of the city.

Met to his profession the welfare of the schools, the buildings, the course of study, the teachers and the pupils have been most in his mind and on his heart. He has been also in all his dealings a Christian gentleman, shown in his gentle manner, in his firm stand when his felt firmness and decision were needed.

He has also been in attendance with great regularity and punctuality on the meetings of the board, monthly and special, except during his illness of the last year.

We are glad to put on record this estimate of our colleague, with the hope that he will grow along, and that we shall have him with us as long as he is willing and able to take his seat at the table of our meetings and discussions.

There was a long discussion of a petition from some Thames street property owners, asking for a passage to their property through a way in the rear of the Clarke School. After several members had spoken against the proposition the petitioners were given leave to withdraw.

Mr. Lull brought up the matter of the no-school signal. He said that this system is not used in the West, and is being done away with in New England.

It seems like usurping a parent's privilege to say that children shall not go to school on certain days, and it might be better to leave the decision to the judgment of the parents. The monetary loss is large on days when there is no school.

After several members had expressed their opinion, the matter was left to the committee on text-books and curriculum to investigate and report.

Recent Deaths.

Gustave A. Muenchinger.

Mr. Gustave A. Muenchinger died at his home on Bellevue avenue late Wednesday night, after a short illness. He had been confined to his home by an attack of tonsillitis for a few days, and this developed into pneumonia which proved fatal within a short time. It was not generally known that he was seriously ill, and his death came as a great shock to his many friends.

Mr. Muenchinger was a son of the late Charles G. and Pauline Muenchinger, who came to this city from Germany many years ago, establishing here a confectionery and catering business.

After the sons reached manhood they carried on the business with their father under the firm name of Muenchinger & Sons. Mr. Gustave A. Muenchinger withdrew from active participation in the business in 1899, when he joined with his wife in the management of the large business that she had built up. Starting with the Muenchinger-King cottage they added many more houses and built up a business that required careful attention to details.

Mr. Muenchinger had been a member of the representative council since 1909, and was also an active member of the United Congregational Church. He was a charter member of the Milantoni Club, and a member of the Oratorio Society, in which he took a deep interest.

He is survived by a widow; also by two sisters, Mrs. Henry C. Stevens, and Mrs. Walker, and three brothers, Messrs. Paul G., Max and Charles C. Muenchinger.

Mate William D. Bartley.

Mr. William D. Bartley, formerly attached to the Naval Training Station here, and well known throughout the city for his work among the boys, died at his home in Brooklyn on February 5th, after a long illness. He first came to Newport about 32 years ago, and was connected with the Training Station for twenty years. During the greater part of that time he was rated as ship's writer being promoted to the rank of mate a short time before leaving here. He was acquainted personally with practically every boy on the

Station, and was constantly active to develop the best that was in them. He was an active worker in the Methodist Church. He was one of the early baseball enthusiasts, being an excellent player himself in his younger days in Newport, and later taking great delight in watching the performances of the strong professional teams.

Arthur H. Washburn

Mr. Arthur H. Washburn died very suddenly at his home on Prospect Hill street on Thursday, death being attributed to heart trouble. He was a well known business man, being engaged for a time in the confectionery business on Bellevue avenue established by the late William Sisson, whose daughter he married. He afterward conducted a livery stable on DeBilis street, but had retired some years ago. He leaves two daughters, Mrs. William P. Clarke, Jr., and Mrs. Theodore D. Carr, and two sons, Mr. Charles Washburn of Boston, and Mr. Arthur H. Washburn, Jr., of this city.

MIDDLETOWN.

(From Our Regular Correspondent.)

All social functions which had been scheduled for last week were omitted owing to the death of the late Mrs. Wm. J. Peckham, who had been closely associated with nearly all the organizations of the town. Mr. Peckham's sister-in-law, Mrs. John H. Peckham, has remained with the family since Mrs. Peckham's death. The late Mrs. Peckham's sister, Miss Lydia Peabody, and her mother, Mrs. Lionel I. Peabody, expect soon to make their home with Mr. Peckham. They sold their present home on Honeyman Hill last fall and the new owners, who are abroad, expect to take possession in March. An auction was held at the Peabody place on Tuesday, James Tubor acting as auctioneer.

Owing to the poor travelling and weather conditions the vested choir and students from St. George's School did not attend the morning services at the Berkeley Memorial Chapel. The musical portion of the service was omitted as the organist, Mr. Edward P. Lake of Newport, has been housed for over two Sundays with a severe attack of rheumatism, which has crippled his hands. Mr. Walter G. Dawley the choirmaster from St. George's School, supplied the week before. There have been so many stormy evenings and Lent is so near it has been decided to give up the Sunday evening illustrated lectures at the Berkeley parish house.

Mr. B. W. H. Peckham has been confined at his home on Honeyman Hill for the past two weeks by a painful injury to his foot caused by the slipping of an adze. The wound was quite deep and a portion of the bone was splintered.

Miss A. Emily Biaké, who through illness was obliged to close the Witherbee School Thursday and Friday, has gone to her home in Providence for a temporary vacation. In her absence, Miss Laura A. Martins of Portsmouth will serve as a substitute. The school was resumed on Monday. The cellars of several of the school buildings have suffered some from the general overflow of water in the ground, but not so severely as the dwelling houses where the owners are still using force pumps this week.

Mr. Ralph Hazard, who has been ill at the home of his parents, Mr. and Mrs. Daniel B. Hazard, is slowly recovering.

Mrs. Harry Hazard, who had been home but a short time from the Newport Hospital, was obliged to return on Friday last for further treatment. She is now gaining favorably.

Mr. Isaac Hazard, who resides with his brother, Mr. Daniel B. Hazard, and Mrs. Hazard, is recovering from a ten days' illness.

Mrs. Kate Bailey attended last week the grammar graduating exercises of her granddaughter, Miss Elizabeth Bailey at New Bedford. Miss Bailey is the eldest daughter of Mr. and Mrs. Howard Bailey, formerly of Middletown.

The turkey supper given on Tuesday evening by the men of the Methodist Episcopal Church at the Four Corners was considered the most successful event of its kind ever given here. There was an abundance—the supper appetizing—and the service perfect. There was an attendance of 250.

An all day meeting of the Women's Auxiliary of St. Mary's and Holy Cross Churches was held Wednesday at Holy Cross Guild House, the president, Mrs. Albert Sisson in charge. In the morning the comfort for the Alaskan bar was completed. At noon a basket lunch was served and at 2.30 the usual business meeting of the month was held, the rector, Rev. F. W. Goodman, conducting the opening services of intercession for missions. Reports were made from the several departments, and it was voted to pack the barrel for Alaska at the home of Mrs. J. W. McCarty, State Hill, this to be done by March 1st. The afternoon program was devoted to miscellaneous articles on the summary of work in China. Light refreshments were served. Upon March 10 Mrs. James T. Thornley of Providence, treasurer of the United Offering, will be the speaker and the meeting will be again held at the Guild House.

The February meeting of the Public School Committee will be held at the Town Hall Monday evening.

Newport County Pomona Grange will hold an afternoon and evening session on Tuesday next at Tiverton Four Corners, where they will be guests of Non-quit Grange who will furnish supper. A "Parola Post Table" is to be a feature of the day's program, members having invited their relatives and friends to forward packages to be sold unopened, for the benefit of the degree team fund, Jesse Durfee of Newport, chairman.

"A Washington Birthday Party" will be a feature of the evening session.

"Hello, 'Frisco!"

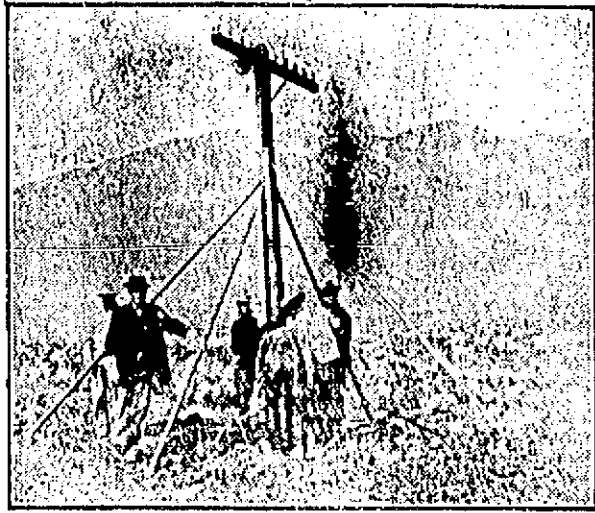
ACROSS THE CONTINENT IN STORY AND PICTURE.

CONTINUED

that makes the receiver at San Francisco do its work so well; it is the improvements in the receiver at San Francisco that causes the transmitter at New York to perform its functions so admirably; it is the perfecting of every inch of wire and every bit of machinery between them that enables the instrument at New York to talk and that at San Francisco to hear.

The Magnitude of the Task

In spite, however, of the fact that, compared with the electrical problems, the mere engineering task of constructing the line may appear simple to the scientist, no one can run his finger over the route of the new line on the map without being impressed with the magnitude of the undertaking. The data and figures are tremendous. The line crosses thirteen states, it is carried on 130,000 poles. Four hard-drawn copper wires, .165 inch in diameter, run side by side over the entire distance, establishing two physical circuits and one phantom circuit. One mile of a single wire weighs 435 pounds; the



Setting a Pole in the Uplands

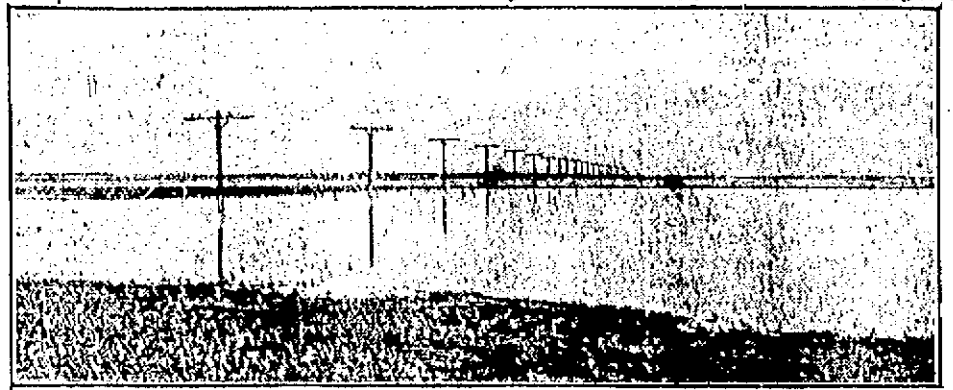
Two Leaders in the Work

The building of the Transcontinental Line depended on the solution of no one isolated problem, nor will the glory of it be given to any one isolated individual, but there are a few names that will always stand out above the rest in connection with it. There must be great generals for armies that win such victories.

For many years this line from ocean to ocean has been the dream of Theodore N. Vail, president of the American Telephone & Telegraph Company, the goal toward which he has pushed and toward which he has steadily led his associates and the army of his employees. Not the dream of a dreamer, but the prophetic vision of a practical, forceful, capable man, a man of unlimited business energy and knowledge, who could see anything

in telephony except impossibilities. He not only cannot see them, but will not admit that they exist; he does not find the word "impossible" in his dictionary of engineering terms. Almost from the beginning of the telephone, his energy and enthusiasm, his dauntless optimism and ambition in everything relating to its perfection and promotion, and his idea of "universal service" have dominated the company and made enthusiasts of every one connected with it in great things or in little.

At his side through most of these years has been a slightly built, litho, keen-eyed man, who never has to be told but once when a great thing is to be done. A nod, and a line goes to Denver; a word, and it stretches to the Pacific coast. That is John J. Carty, Chief Engineer of the



Crossing a Bad Stretch. Miles of Poles Are Set Across Lakes Varying in Depth from 18 In. to 3 Ft.

and communities than the network of wires the American Telephone & Telegraph Company is spreading over the country. So much importance do I attach to this idea, that, extreme as the statement may seem, I believe quite firmly that, had the telephone system reached its present perfection previous to 1861, the Civil War would not have occurred. The wires would not have let the North and South drift so far apart."

Universal Service

The new Transcontinental Line is a concrete exemplification of the possibility of universal service and a justification of the arguments for a single system. Under no other plan would such a line be possible. This line, 3,400 miles long, and joining the Atlantic and Pacific, is part of the great Bell System of 21,000,000 miles of wire, connecting 9,000,000 telephone stations located everywhere throughout the United States. Comprising this system are the American Telephone & Telegraph Company and its associated and connecting companies, thousands of them, giving instant and perfect communication among 100,000,000 people.

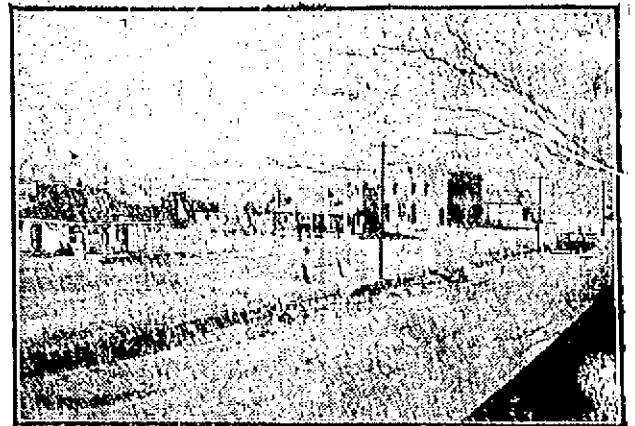
The opening of this line is the culmination of the Bell idea of universal service—in presenting it for the use and convenience of the public, the American Telephone & Telegraph Company renders an account of its stewardship. It has fulfilled its promise and, not only in itself, but as an earnest of what is to follow in future development, this nationwide line proves that it is the intention

of the American Telephone & Telegraph Company to make it possible for every man who can talk, to talk over the telephone to every man who can hear.

The telephone was born here and it has reached its greatest perfection here; un-

der the other conditions, except such as exist in the United States, could it have come to its highest development. With its dozens of telephone systems, Europe has no long-distance line to compare with

ment of practical science up to to-day—no other nation has produced anything like it, nor could any other nation. It is not science, it is gigantic—and it is entirely American.



Occasionally the Line Touches "Civilization"—Hazen, Nev.

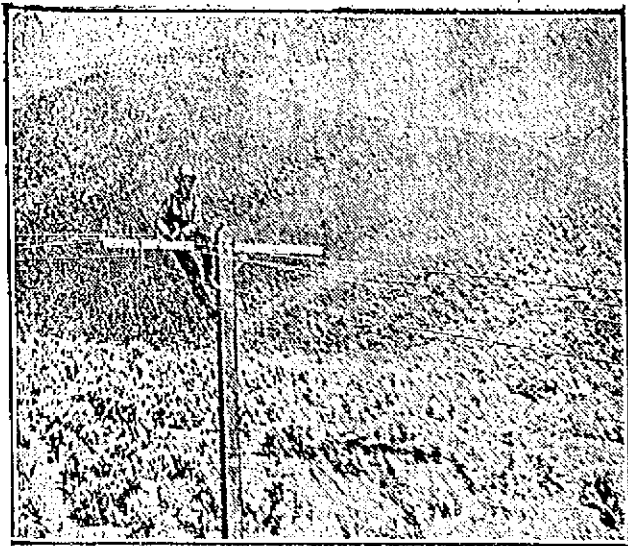


Pole-Setting Crew at Work in a Swamp

weight of the wires in the entire line being 6,920,000 pounds or 2,900 tons. This, of course, is the transmission wires alone. In addition to these, each physical circuit uses some 13,000 miles of two hair-like insulated wire, 4-1,000 of an inch in diameter, for its loading coils.

Simply to string this immense amount of wire across the continent, to set the poles and insure insulation, to conquer the insuperable difficulties offered by land and water, forests, mountains, deserts, rivers and lakes, was in itself a task of no mean magnitude. The Panama Canal is hailed as one of the greatest achievements of the world's workers, as it is, but the almost invisible lines of the Bell System, considered simply as to labor and cost, constitute a monumental achievement.

The Canal was begun nine years ago and has cost \$310,000,000; within the same space of time the Bell Company has spent twice that amount in its engineering construction work alone.



The Next Step Is to String the Wires

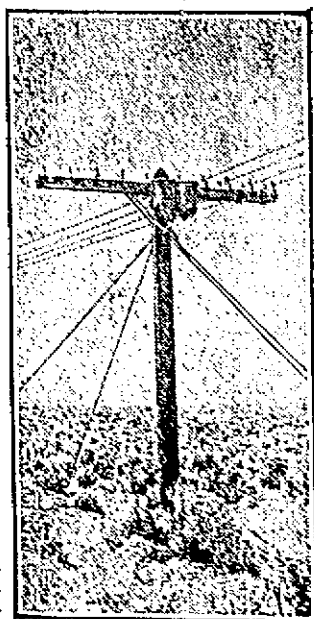


Moving Westward Again to the Next Stop

American Telephone & Telegraph Company. A leader among the scientific men of all nations and honored by their rulers for his distinguished services in engineering accomplishment, his wide knowledge, his keen judgment, and his indomitable energy have combined to make him one of the great factors in telephone achievement and advancement. He is the wizard of the wires. Long ago he said this great thing could and should be done, and through the great bars of silence that separated the East from the West, this Goethe of electricity has been cutting his way, year by year, until the great canal of human speech is done.

Others have played big parts in this drama of human endeavor and achievement, and thousands have given their share of thought and labor, but, whoever is forgotten or remembered, the names of Vail and Carty will be linked with this new triumph of science as long as man talks to man.

There has been no greater achievement in the history of the Bell Company, none in the history of telephony, few in the history of the world. The gain to science is great. Immensurably more precious, however, is that to the nation, and incalculably greater are the benefits to commerce and society. What the Transcontinental line means to the future of the country, what it will bring about by drawing the East and West closer together, how much of increased prosperity and happiness these thousands of miles of wire will insure, no man can gauge.



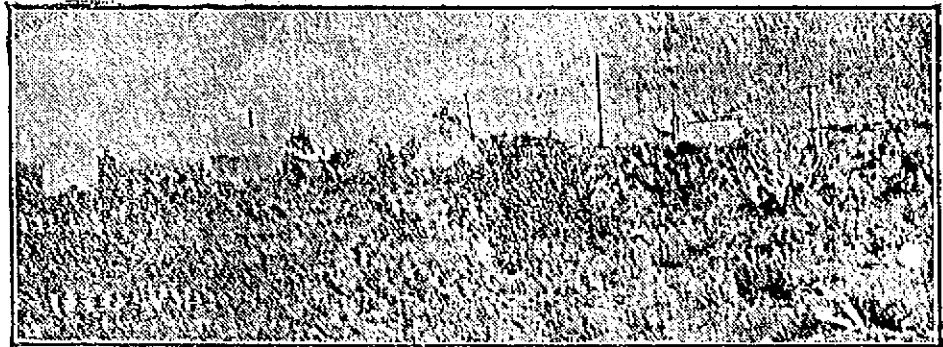
Loading Pot on the Line

What It Means to the Country

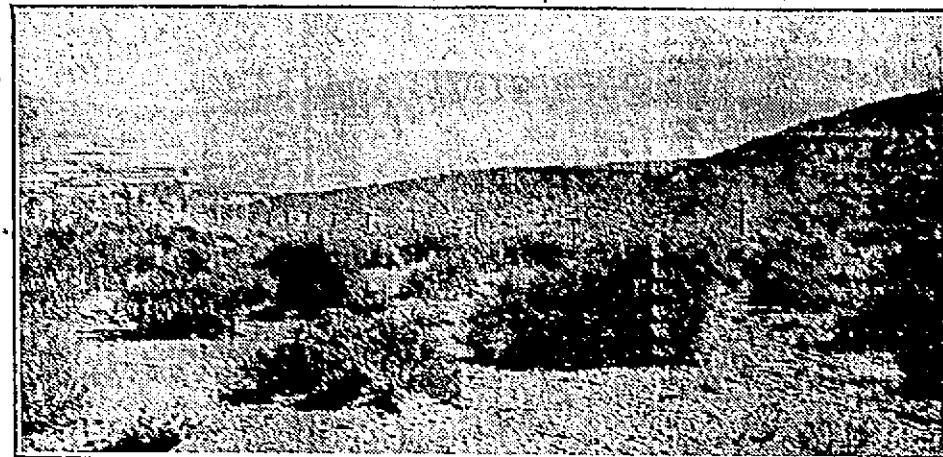
One of the most prominent of the guests who talked over the longest of long-distance telephones at the celebration, said:

"I thought I had gotten over wondering at the miracle of the telephone, but what I have just done amazes me as much as the first words I heard over the wires many years ago. Even now I can hardly conceive that it is possible. I have talked over long distances many a time before, but this is far beyond the limit. Chicago I am used to, even Denver; but this talking from the Atlantic to the Pacific gives me a thrill. It appeals to the imagination—it is a theme for poets."

What it means to the country, it is impossible to estimate. For one thing, it is a final blow to sectionalism—it has put a seal on the fact that there is no longer East and West, North and South. Not even the railroads or the new canal have done or can do so much toward bringing the States closer together and uniting them more firmly, not only in commerce, but in thought and language. Provincialism will become rarer and rarer, localisms, dialects—all such things that depend on isolation—are getting to be an impossibility in the United States, and the telephone has been the greatest agent in bringing about this desirable condition. It is hard for people to get very far apart when they are in such constant touch with one another, and I know of nothing which is doing more to strengthen the bonds between individuals



Extremes of American History—The Transcontinental Telephone Line Passing Through an Indian Village

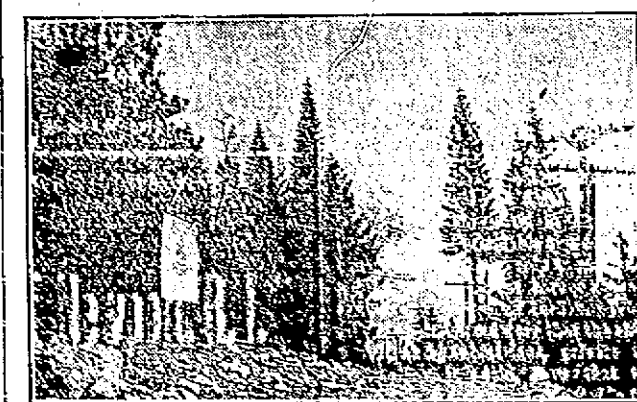


Sand and Dust Storm Along the Transcontinental Telephone Line

Critical Moments in Nature

Destiny often is determined in a flash. What Dr. Nevell Dwight Hillis calls "critical moments in nature" occur con-

stantly, but since time began these moments have passed unnoticed save by those able to see and seize the opportunities presented and so shed new light upon the world of the unknown.



Linemen's Shelter House, Three Miles West of the Summit of the Sierra Nevada Mountains, California

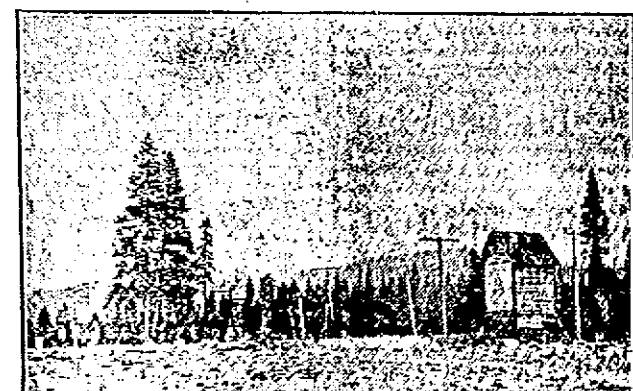
Galileo found a lens in the eye of an ox and gave the world the telescope; Watts saw steam lift an iron lid and the theory of steam power was born; Columbus, sailing in search of a new passage to the Far East, noticed an unknown wood drifting near his vessel and discovered a new world. Alexander Graham Bell, leaning over a crude machine connected by wire with a similar instrument in another room, heard the sound of a twanging reel come over the wire and gave the world its greatest known means of intercommunication. Each man recognized a "critical moment in nature" and so made destiny.

The completion of the Transcontinental Telephone Line, however, is the result of the seizure of hundreds of "critical mo-

ments in nature." One after another these moments came to the men who have been struggling to solve the mysteries of an art that was unknown thirty-eight years ago. And because they were able to see the significance of the moments that arose, they have now succeeded in bridging the continent with a talk highway that puts east and west within speaking distance and eliminates the barriers of distance in the United States.

Linemen in a Blizzard

Probably nothing can better suggest the difficulties which telephone men have to encounter and the hardships they endure in some parts of the country, than the accompanying photographs of shelter houses—one a mile west of Crystal Lake, Cal., and the other three miles west of the Sierra Nevada Mountains in the same state. These houses are built along the Transcontinental Line in isolated mountainous regions and are frequently occupied by the linemen as they maintain the telephone line during the cold and storms of the winter months. The houses contain a couch, a small stove, cord-wood, and canned provisions, and are used as a temporary shelter by the men when caught in a blizzard. The latter fact, on an average, from two to three days, the snow frequently drifting to depths of from 15 to 20 feet.



Linemen's Shelter House, One Mile West of Crystal Lake, Cal.

CASTORIA

For Infants and Children.

The Kind You Have Always Bought

Bears the Signature of J. C. H. Fletcher

Heard at the Hay Baler.

"A good laugh is sunshine in the home," remarked the proverb dispenser.

"Yes," rejoined the hopeless idiot, "but at that it isn't as stable as a horse laugh. What?" — Indianapolis Star.

Worried.

"That dog of Black's will be the death of me, barking at me every time I pass."

"But barking dogs don't bite!" "I know, but I'd rather be bitten at once than kept in suspense!" — Philadelphia Ledger.

